|          | Index of Claims Ap                            |                  |               |          |          |           |          |                         |   |                   |   |       |  | pplication No. |                        |                    |           |              |              |              |                   |          | Applicant(s) |             |            |                 |              |          |          |          |          |                 |           |   |
|----------|---|------------------|---------------|----------|----------|-----------|----------|-------------------------|---|-------------------|---|-------|--|----------------|------------------------|--------------------|-----------|--------------|--------------|--------------|-------------------|----------|--------------|-------------|------------|-----------------|--------------|----------|----------|----------|----------|-----------------|-----------|---|
|          | 1 (2 2 (2 ) (1 ) (1 ) (2 ) (2 ) (2 ) (2       |                  |               |          |          |           |          |                         |   |                   |   |       |  | 10/695,710     |                        |                    |           |              |              |              |                   |          |              | TRAN ET AL. |            |                 |              |          |          |          |          |                 |           |   |
|          |   |                  |               |          |          |           |          |                         |   |                   |   |       | Examiner   |                |                        |                    |           |              |              |              |                   |          | Art Unit     |             |            |                 |              |          |          |          |          |                 |           |   |
|          |   |                  |               |          |          |           |          |                         |   |                   |   |       |  |                |                        |                    |           |              |              |              |                   |          |              |             |            |                 |              |          |          |          |          |                 |           |   |
|          | 1   0 0 10 0 11 0 11 0 11 0 0 11 0 0 11 10 10 |                  |               |          |          |           |          |                         |   |                   |   |       |  |                |                        |                    | Tu-Tu Ho  |              |              |              |                   |          |              |             |            | 2818            |              |          |          |          |          |                 |           |   |
|          |   |                  | $\overline{}$ |          |          |           |          |                         | ı |                   |   |       |  |                |                        |                    |           |              |              |              |                   |          |              |             |            |                 |              |          |          |          |          |                 |           |   |
|          | √ Rejected                                    |                  |               |          |          |           |          |                         |   | _ (Through numera |   |       |  |                |                        | il)   <sub>N</sub> |           |              |              | Non-Elected  |                   |          |              |             | اما        | Appeal          |              |          |          |          |          |                 |           |   |
|          |   |                  |               |          |          |           |          |                         |   |                   |   |       | Ca   | Cancelled      |                        |                    |           |              | ľ            | N            |                   |          |              |             |            | Α               |              |          |          |          |          |                 |           |   |
|          | =  4  |                  |               |          |          |           |          | Allowed                 |   |                   |   |       | Re   | Restricted     |                        |                    |           |              |              | ı            | Interference      |          |              |             | o          | Objected        |              |          |          |          |          |                 |           |   |
|          |   |                  | Ш             |          |          |           |          |                         | + |                   |   |       |  |                |                        |                    |           |              |              |              |                   |          |              |             |            |                 |              |          |          | $\Box$   |          |                 |           |   |
| Г        | Cla   |                  | Date          |          |          |           |          |                         |   |                   |   | Claim |  |                |                        |                    | ate       | e e          |              |              | Claim             |          | aim          |             | Date       |                 |              |          |          |          | $\neg$   |                 |           |   |
|          |   |                  |               |          |          |           |          |                         |   |                   |   |       |  |                | П                      |                    |           | Ť            | T            |              | $\top \top$       |          |              |             |            |                 |              |          |          |          |          |                 | T         |   |
|          | Final   | Original         | 000/02        |          |          |           |          |                         |   |                   |   |       | Final  | Original       |                        |                    |           |              |              |              |                   |          |              | Final       | Original   |                 | Ì            |          |          |          |          |                 |           |   |
|          | ۱ ۳   | ŏ                | 2             |          |          |           |          |                         |   |                   |   |       | ٣.   | ŏ              |                        |                    |           |              | -            |              |                   |          |              | ш           | ŏ          |                 |              |          |          |          |          | Ì               | İ         |   |
|          |   | <b>(</b>         | +             |          |          |           |          |                         |   |                   |   |       |  | 51             |                        | 1                  |           | 1            | 1            | 1            |                   |          |              |             | 101        |                 | 1            |          |          |          |          |                 |           |   |
| -        |   | 2                | 1             |          | _        |           |          |                         |   | _                 |   |       |  | 52             | $\sqcup$               | 4                  | 4         | 4            | 4            | +            | +                 | Н        |              |             | 102        | $\sqcup$        | +            | -        | -        | Н        |          |                 | _         |   |
| -        |   | 4                | Н             | $\dashv$ |          | ┪         | -        | $\vdash$                |   | _                 |   |       |  | 53<br>54       | $\vdash$               | -                  | +         | +            |              | +            |                   | Н        |              |             | 103<br>104 |                 | +            | +        | +-       | -        | Н        |                 |           |   |
| _        |   | 5                |               |          |          |           |          |                         |   |                   |   |       |  | 55             |                        | $\exists$          | $\exists$ | 1            |              | 1            |                   |          |              |             | 105        |                 |              |          |          |          |          |                 |           |   |
| _        |   | 6                | Ш             |          |          |           |          |                         |   |                   |   |       |  | 56             |                        | _                  |           | 4            |              |              |                   |          |              |             | 106        |                 | -            | -        | _        |          |          |                 |           |   |
| -        | -   | 7<br>8           | Н             | $\dashv$ | -        | $\dashv$  | $\dashv$ | $\vdash$                |   | -                 |   |       |  | 57<br>58       | Н                      | $\dashv$           | +         | +            | +            | +            | +                 | Н        |              |             | 107<br>108 | $\vdash$        | $\dashv$     | +        | ╁        | $\vdash$ | $\dashv$ | _               | $\dashv$  |   |
| <u> </u> |   | <b>Ø</b>         | $  \cdot  $   |          |          | $\neg$    |          |                         |   |                   |   |       |  | 59             | П                      | $\dashv$           | 十         | $\top$       | $\dagger$    | $\dagger$    | 1                 | $\vdash$ |              |             | 109        |                 | 十            | $\top$   | 1        |          |          |                 | $\neg$    |   |
|          |   | 10               | $\Box$        |          |          |           |          |                         |   |                   |   |       |  | 60             |                        |                    |           |              | $\perp$      | 1            |                   |          |              |             | 110        |                 |              |          |          |          |          |                 |           |   |
|          | _   | 11<br>12         | H             | $\dashv$ |          | -         | $\dashv$ | $\vdash \vdash$         |   | _                 |   |       |  | 61<br>62       | $\vdash$               | -                  | $\dashv$  | +            | +            | +            | +                 | $\dashv$ |              |             | 111<br>112 | $\vdash$        | +            | +        | ╀        | $\vdash$ |          |                 | $\dashv$  |   |
| -        | _   | (3)              | H             | $\dashv$ | $\dashv$ | 7         |          | $\vdash$                |   |                   |   |       |  | 63             | H                      | +                  | $\dashv$  | +            | $^{+}$       | +            | +                 | $\dashv$ |              |             | 113        | $\vdash$        | +            | +        | $\vdash$ | $\vdash$ |          |                 | $\exists$ |   |
|          |   | 14               | П             |          |          |           |          |                         |   |                   |   |       |  | 64             |                        |                    |           |              |              | 1            |                   |          |              |             | 114        | Ш               |              |          |          |          |          |                 |           |   |
| -        |   | <b>(5)</b><br>16 |               | $\dashv$ | -        | 4         | _        |                         |   | _                 |   |       |  | 65<br>66       | $\vdash$               | $\dashv$           | $\dashv$  | +            | +            | +            | +                 | Н        |              |             | 115<br>116 | $\vdash$        |              | +        | ╀        | ┼        | Щ        |                 | $\dashv$  |   |
| -        | -   | 17               | T             | -        | $\dashv$ | -         |          | $\dashv$                |   |                   |   |       |  | 67             | $\vdash$               | $\dashv$           | +         | +            | +            | +            | +                 | H        |              |             | 117        | Н               | +            | +        | $\vdash$ | +        |          |                 |           | • |
|          |   | 18               |               |          |          |           |          |                         |   |                   |   |       |  | 68             |                        |                    |           |              | 丰            |              |                   |          |              |             | 118        |                 |              |          |          |          |          |                 |           |   |
| -        |   | 19<br>20         | Ш             |          | $\dashv$ | 4         |          | $\dashv$                |   | _                 |   |       | <u> </u>   | 69<br>70       | Н                      | 4                  | _         | -            | +            | +            |                   | Н        |              |             | 119<br>120 | $\vdash$        | $\dashv$     |          | ╀        | ╀        | Н        | $\dashv$        |           |   |
| -        |   | 21               |               | H        |          | $\dashv$  |          | $\dashv$                |   | _                 | - |       | <del>                                     </del> | 71             | $\vdash$               | ᆉ                  | $\dashv$  | ╅            | +            | +            | +                 | H        |              |             | 121        | H               | +            | +        | $^{+}$   | $\vdash$ | H        |                 |           |   |
|          |   | 22               |               |          |          |           |          |                         |   |                   |   |       |  | 72             |                        |                    |           |              | 工            |              |                   |          |              |             | 122        | П               |              |          |          |          |          |                 |           |   |
| -        | _   | 23<br>24         |               |          | _        | $\dashv$  |          |                         | _ |                   |   |       | <u> </u>   | 73<br>74       | $\left  \cdot \right $ | -                  | -         | +            | +            | +            |                   | Н        |              |             | 123<br>124 | Н               | 1            | -        | ╄        |          | Ш        |                 |           |   |
| -        | $\dashv$                                      | 25               |               |          |          | ᅱ         | -        | -                       | _ |                   | - |       |  | 75             | Н                      | +                  | $\dashv$  | +            | +            | +            | +                 | Н        |              |             | 125        | $\vdash$        | $\pm$        | +        | +        |          |          |                 |           |   |
|          |   | 26               |               |          |          |           |          |                         |   |                   |   |       |  | 76             |                        |                    |           |              |              | 1            |                   |          |              |             | 126        |                 |              |          |          |          |          |                 |           |   |
| -        |   | 27<br>28         |               |          |          | _         |          | -                       |   |                   |   |       |  | 77<br>78       | $\vdash$               | -                  | $\dashv$  | 4            | +            | 4            | 1                 |          |              |             | 127<br>128 | $\vdash$        | 4            | - -      | ╄        | -        |          | $\vdash$        | _         |   |
| -        | -   | 29               |               |          |          |           |          |                         |   |                   | _ |       |  | 79             | H                      | ┪                  | $\dashv$  | $\dashv$     | +            | +            |                   | Н        |              |             | 129        | H               | $\dashv$     | +        | ╁        |          |          | $\vdash$        | _         |   |
|          |   | 30               |               |          |          |           |          |                         |   |                   | _ |       |  | 80             |                        |                    |           |              | 士            | I            |                   |          |              |             | 130        |                 |              |          |          |          |          |                 |           |   |
| -        | _   | 31               |               |          | _        | $\dashv$  |          | $\dashv$                |   |                   |   |       |  | 81             | $\sqcup$               | 4                  | $\dashv$  | 4            | +            | +            |                   | Н        |              |             | 131        |                 | 4            | _        | ╀        |          |          | $\Box$          |           |   |
| -        |   | 32<br>33         | -             |          | _        | $\dashv$  | -        | $\dashv$                | _ | _                 |   |       |  | 82<br>83       | $\vdash$               | -                  | $\dashv$  | +            | +            | +            | -                 | Н        |              |             | 132<br>133 | H               | +            | +        | ╁        | $\vdash$ |          | $\exists$       | =         |   |
|          |   | 34               |               |          |          | T         |          |                         |   |                   |   |       |  | 84             |                        | 7                  | $\Box$    | $\top$       | $\perp$      | $\top$       |                   |          |              |             | 134        |                 |              |          |          |          |          |                 |           |   |
|          |   | 35               |               |          |          | _         |          |                         |   |                   |   |       |  | 85             |                        |                    |           |              | 1            | $\downarrow$ |                   |          |              |             | 135        |                 |              |          |          | <u> </u> |          |                 |           |   |
| -        |   | 36<br>37         | $\vdash$      | $\vdash$ | -        | $\dashv$  |          | $\dashv$                |   | _                 |   |       |  | 86<br>87       | -                      | +                  | $\dashv$  | +            | +            | +            |                   | $\vdash$ |              |             | 136<br>137 |                 | +            | +        | ╁╴       | ╁        | H        | $\vdash$        | -         |   |
| -        | _   | 38               |               |          |          |           |          |                         |   |                   |   |       |  | 88             |                        |                    | 寸         |              | $\perp$      | $\perp$      |                   |          |              |             | 138        |                 |              |          | T        |          |          |                 |           |   |
|          |   | 39               | П             |          | $\Box$   | $\exists$ |          | $\Box$                  |   | Д                 |   |       |  | 89             | П                      | $\exists$          | Ţ         | 7            | 7            | Ţ            | $oldsymbol{\bot}$ | П        |              |             | 139        | П               | 4            | $\perp$  | F        | П        |          | П               | П         |   |
| -        | -   | 40<br>41         | Н             | $\vdash$ |          | -         |          | $\vdash$                | _ | Н                 |   |       |  | 90<br>91       | $\vdash$               | $\dashv$           | +         | +            | +            | +            | -                 | Н        |              |             | 140<br>141 | $\vdash \vdash$ | +            | +        | +        | +        | $\vdash$ | $\vdash \dashv$ | Н         |   |
| <br>     |   | 42               |               |          |          |           |          |                         | _ |                   | _ |       |  | 92             |                        | _                  | $\dashv$  | $\dashv$     | $\perp$      | $\perp$      |                   |          |              |             | 142        | ┢┪              | $\pm$        |          | $\perp$  | $\perp$  |          |                 | $\vdash$  |   |
|          |   | 43               | П             |          |          | 口         |          |                         |   |                   | _ |       |  | 93             |                        | $\Box$             | $\Box$    | $\Box$       | $\perp$      | $\downarrow$ |                   |          |              |             | 143        |                 | $\Box$       | 1        |          |          |          |                 |           |   |
| -        |   | 44<br>45         | Н             | Н        | $\dashv$ | -         |          | $\vdash$                |   |                   |   |       |  | 94<br>95       | -                      | -                  | +         | +            | +            | +            | +                 | Щ        |              |             | 144<br>145 | $\vdash\vdash$  | +            | +        | +        | +        | Н        | $\vdash$        | Н         |   |
| <br>     |   | 46               | Н             | $\vdash$ | $\dashv$ | $\dashv$  | $\dashv$ | $\vdash$                | _ | $\vdash$          |   |       |  | 96             | +                      | $\dashv$           | $\dashv$  | $\dashv$     | +            | +            | $\dashv$          |          |              |             | 146        | H               | $\dashv$     | _        | +        | +-       | Н        | $\vdash$        | $\dashv$  |   |
|          |   | 47               |               |          |          |           |          |                         |   |                   |   |       |  | 97             | П                      |                    |           | $\downarrow$ | $\downarrow$ | $\downarrow$ | T                 |          |              |             | 147        |                 | $\downarrow$ |          |          |          |          |                 |           |   |
| -        | $\dashv$                                      | 48<br>49         | $\vdash$      | $\vdash$ | -        | _         | -        | $\mid \rightarrow \mid$ | _ | $\vdash$          |   |       |  | 98<br>99       | ╁┤                     | -                  | $\dashv$  | $\dashv$     | +            | +            |                   |          |              |             | 148<br>149 | $\vdash$        | $\dashv$     | +        | ╀        | $\vdash$ | H        | $\vdash$        | Ц         |   |
| <br>     | $\dashv$                                      | 50               | Н             | $\vdash$ | $\dashv$ | -         |          | $\mid - \mid$           |   | $\vdash$          | - |       | <del></del>                                      | 100            | + +                    | $\dashv$           | $\dashv$  | $\dashv$     | +            | +            | +                 | $\vdash$ |              |             | 150        | H               | $\dashv$     | $\dashv$ | 十        | +        | Н        | $\vdash$        | $\dashv$  |   |